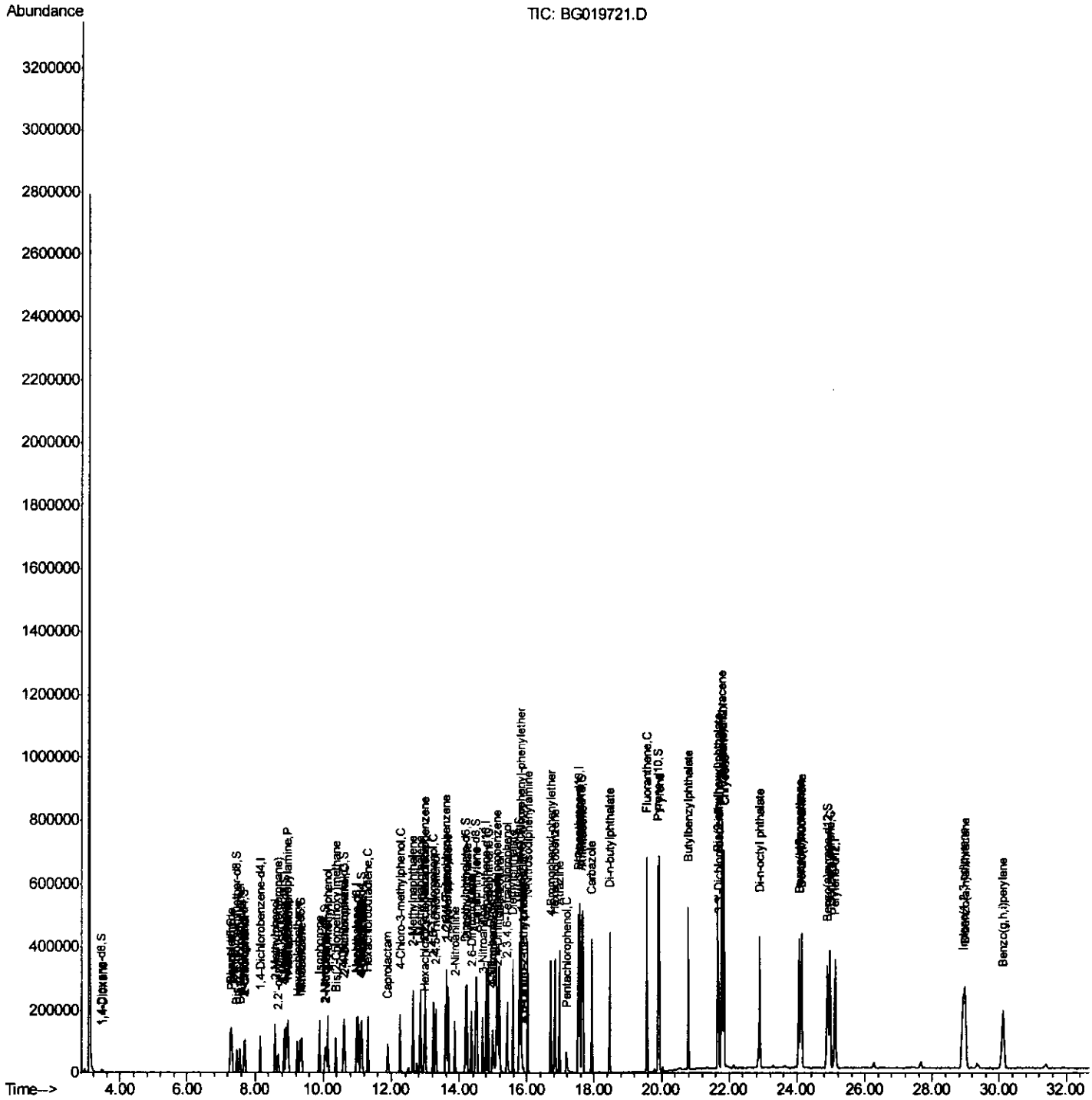
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
Data File : BG019721.D
Acq On : 20 Nov 2015 1:20
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 04:31:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 01:13:44 2015
Response via : Initial Calibration



Quantitation Report (Qedit)

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Data File : BG019721.D
Acq On : 20 Nov 2015 1:20
Operator : UM/NP
Sample : SSTDCCC020
Misc :
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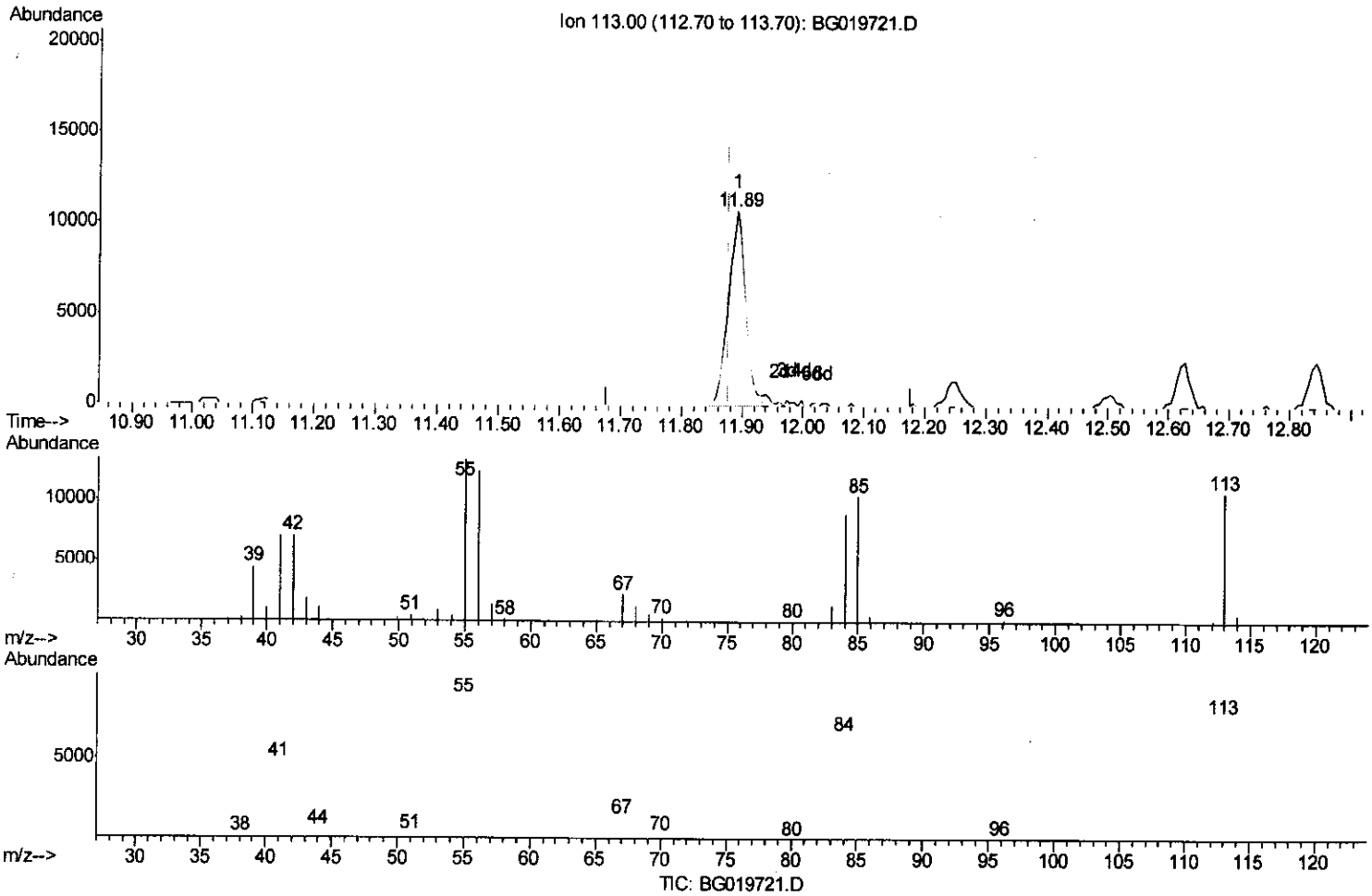
Quant Time: Nov 20 04:21:43 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 01:13:44 2015
Response via : Initial Calibration



(32) Caprolactam

11.892min (+0.014) 20.86ng/ul

response 21467

Ion	Exp%	Act%
113.00	100	100
55.00	139.20	124.24
56.00	98.80	115.01
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 01:13:44 2015
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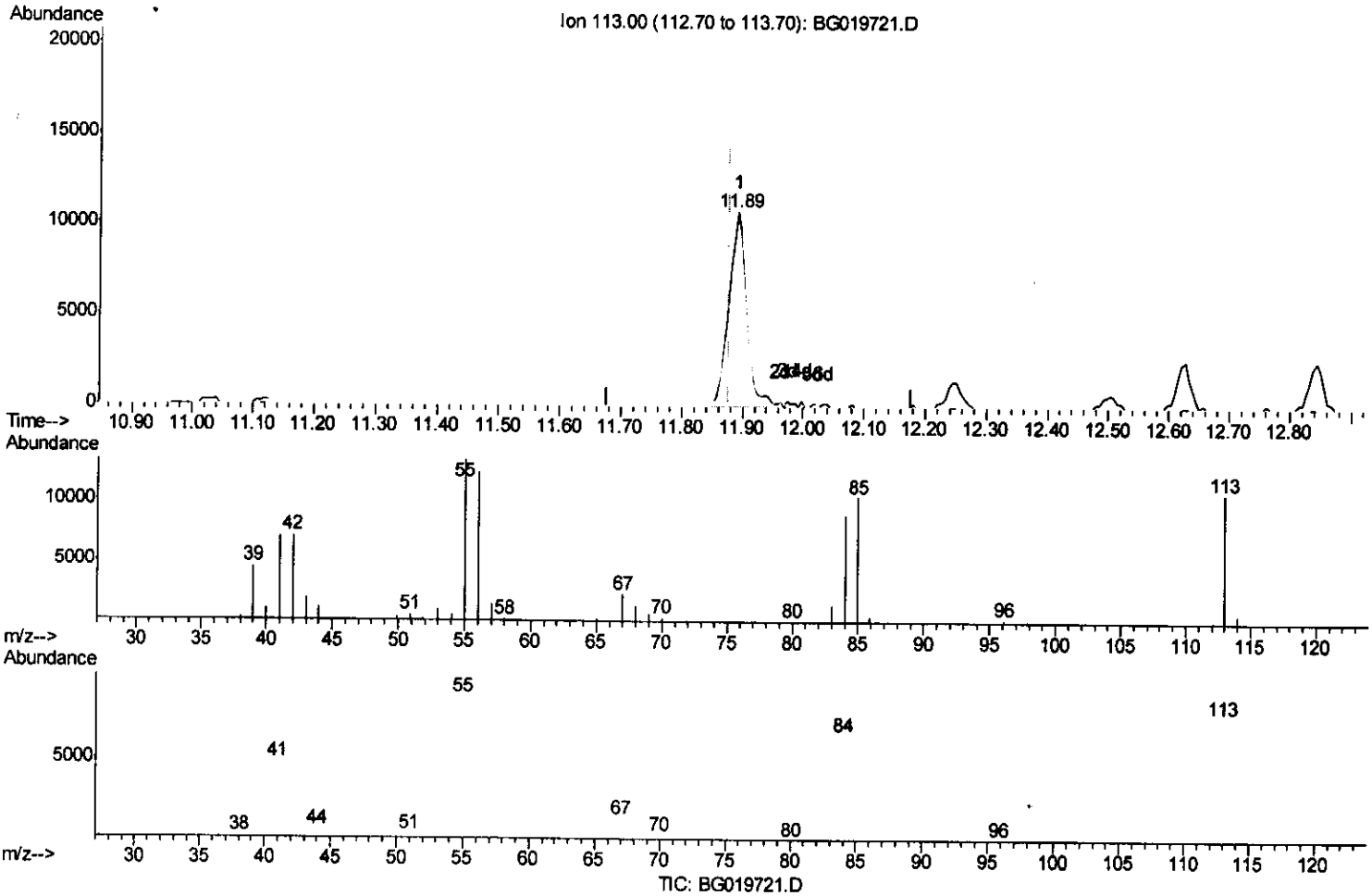

(32) Caprolactam

11.892min (+0.014) 21.50ng/ul m > U.M. 11/21/15

response 22126

Ion	Exp%	Act%
113.00	100	100
55.00	139.20	124.24
56.00	98.80	115.01
0.00	0.00	0.00

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Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 04:21:43 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 01:13:44 2015
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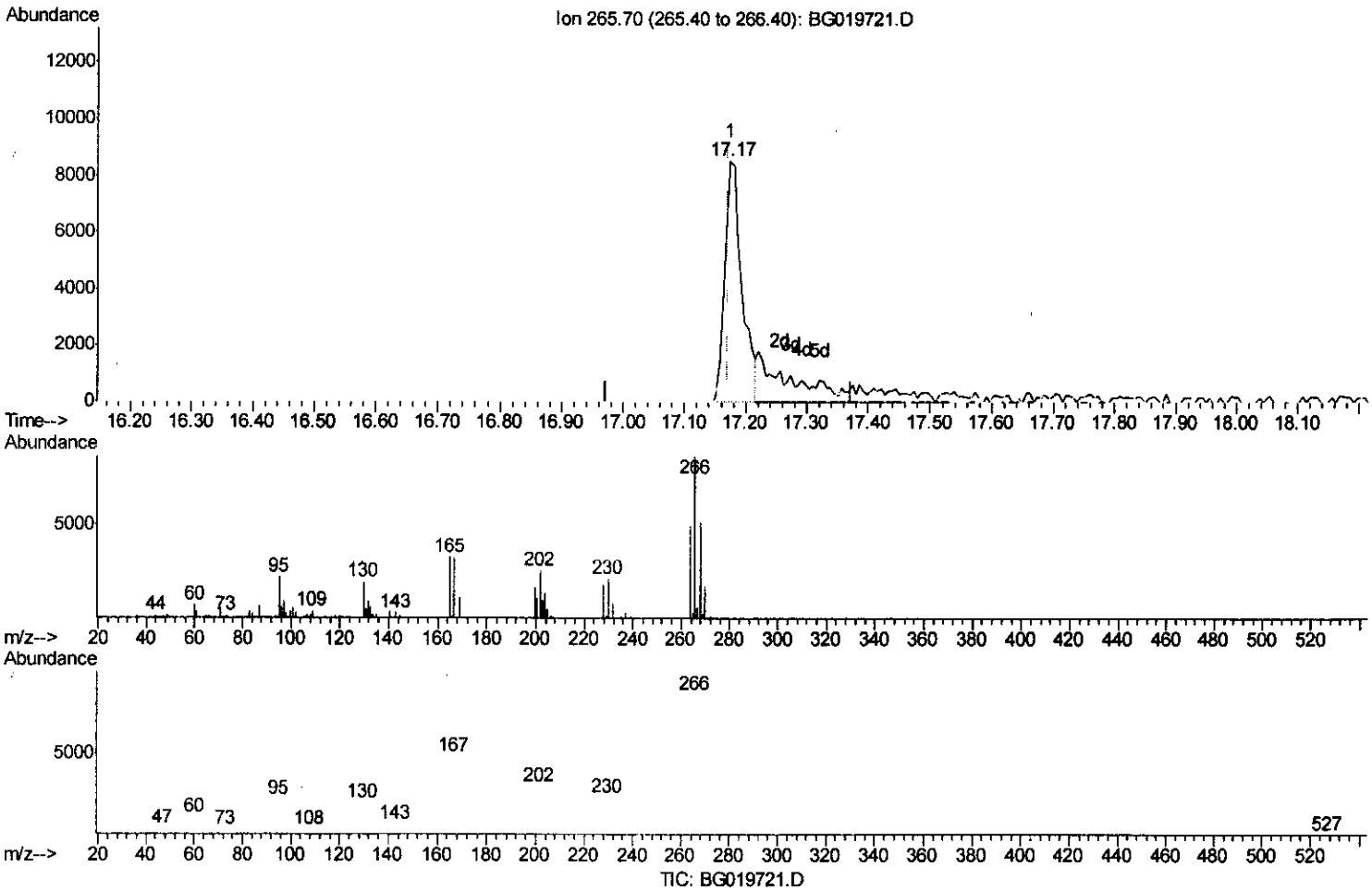

(69) Pentachlorophenol (C)

17.174min (+0.002) 7.42ng/ul

response 16630

Ion	Exp%	Act%
265.70	100	100
264.00	64.80	62.76
268.00	58.50	63.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 04:21:43 2015
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Quant Title : SVOA CALIBRATION
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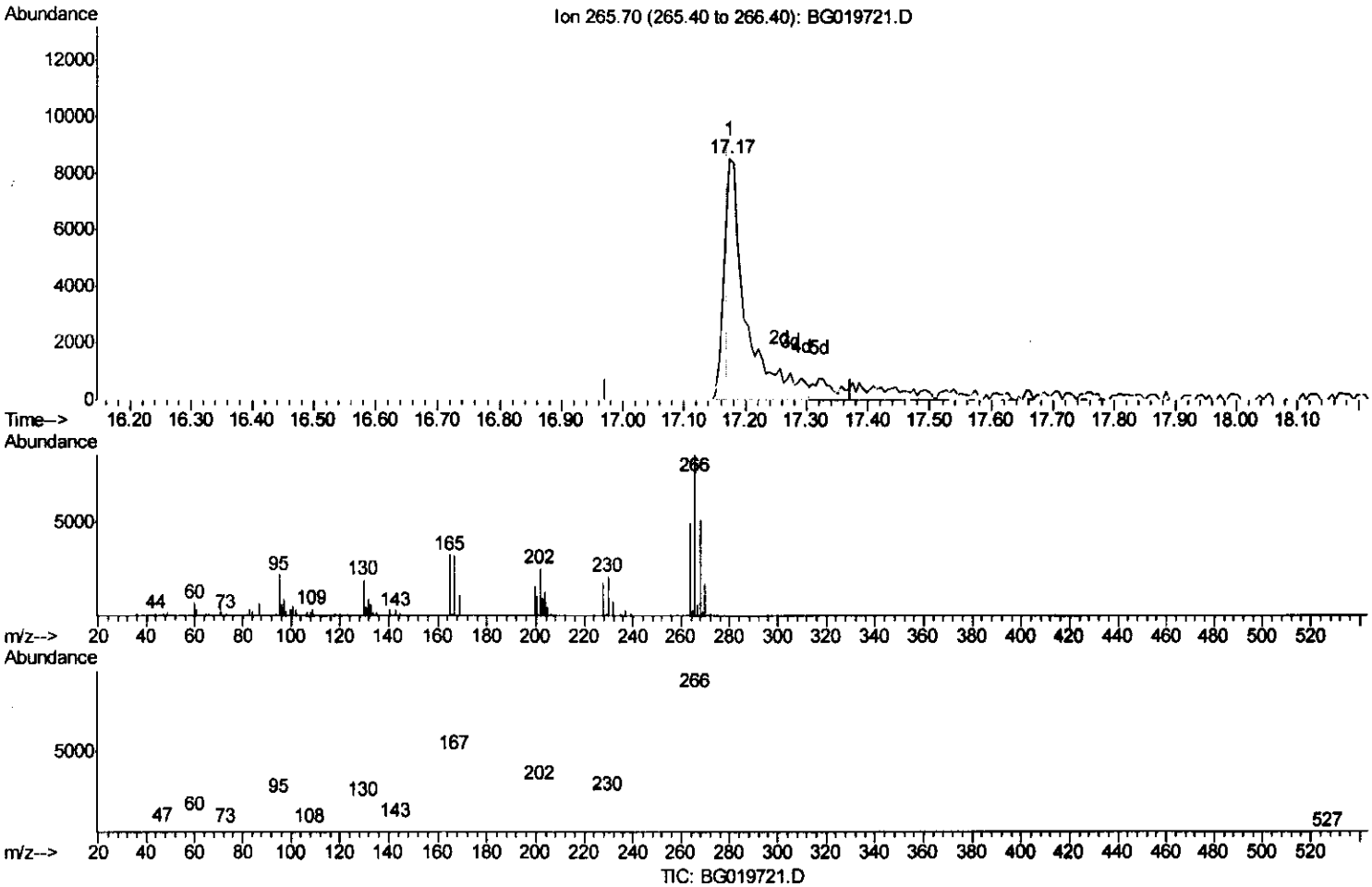

TIC: BG019721.D

(69) Pentachlorophenol (C)

17.174min (+0.002) 9.55ng/ul m > U.M. 11/21/15

response 21400

Ion	Exp%	Act%
265.70	100	100
264.00	64.80	57.63
268.00	58.50	59.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	30493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	132926	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	112548	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	315807	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	400416	20.00	ng/ul	0.00
86) Perylene-d12	25.12	264	386577	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	5095	7.13	ng/uL	0.00
5) Phenol-d5	7.30	99	62628	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	37844	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	40457	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	51460	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	20431	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	20893	17.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	55633	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	61278	24.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	182156	17.90	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	209589	19.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	21037	13.12	ng/ul	0.00
58) Fluorene-d10	15.77	176	173968	19.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	3158	1.55	ng/ul	0.00
71) Anthracene-d10	17.63	188	297281	19.39	ng/ul	0.00
79) Pyrene-d10	19.90	212	347435	19.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.89	264	388597	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	5928	7.28	ng/uL	98
4) Benzaldehyde	7.27	77	48271	21.21	ng/ul	96
6) Phenol	7.32	94	68217	20.22	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.56	93	45879	19.54	ng/ul	94
10) 2-Chlorophenol	7.71	128	39496	20.18	ng/ul	88
11) 2-Methylphenol	8.59	108	48427	19.50	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.68	45	38998	19.02	ng/ul	100
14) Acetophenone	8.98	105	81118	18.98	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.96	70	50236	17.40	ng/ul#	97
16) 4-Methylphenol	8.92	108	55620	19.88	ng/ul	94
17) Hexachloroethane	9.25	117	17772	19.11	ng/ul	96
20) Nitrobenzene	9.37	77	73840	18.79	ng/ul	99
21) Isophorone	9.89	82	137738	18.17	ng/ul	97
23) 2-Nitrophenol	10.08	139	21805	16.40	ng/ul	97
24) 2,4-Dimethylphenol	10.14	107	69541	19.63	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.37	93	67976	18.11	ng/ul	92
27) 2,4-Dichlorophenol	10.62	162	52902	20.92	ng/ul	96
28) Naphthalene	11.03	128	136500	19.01	ng/ul	99
30) 4-Chloroaniline	11.13	127	63003	24.03	ng/ul	97
31) Hexachlorobutadiene	11.31	225	47493	20.86	ng/ul	99
32) Caprolactam	11.89	113	22126m	21.50	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	71821	20.37	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	109097	19.05	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	109567	19.20 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	94228	20.88 ng/ul	96
38) Hexachlorocyclopentadiene	12.96	237	26093	9.93 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.23	196	58854	21.39 ng/ul	96
40) 2,4,5-Trichlorophenol	13.30	196	60730	21.09 ng/ul	96
41) 1,1'-Biphenyl	13.62	154	158789	18.97 ng/ul	99
42) 2-Chloronaphthalene	13.67	162	127563	19.61 ng/ul	99
43) 2-Nitroaniline	13.87	65	50872	18.50 ng/ul	96
45) Dimethylphthalate	14.23	163	181281	17.96 ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	37551	18.60 ng/ul	95
48) Acenaphthylene	14.51	152	212645	19.31 ng/ul	96
49) 3-Nitroaniline	14.69	138	36836	21.89 ng/ul	99
50) Acenaphthene	14.85	153	145886	19.35 ng/ul	100
53) 4-Nitrophenol	14.99	109	25346	12.97 ng/ul	98
54) Dibenzofuran	15.18	168	218324	19.75 ng/ul	96
55) 2,4-Dinitrotoluene	15.14	165	55702	17.74 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.41	232	58406	19.13 ng/ul	98
57) Diethylphthalate	15.58	149	186385	18.48 ng/ul	98
59) Fluorene	15.83	166	188580	19.52 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.81	204	107454	19.12 ng/ul	97
61) 4-Nitroaniline	15.85	138	40395	19.94 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	2943	1.36 ng/ul#	82
65) N-Nitrosodiphenylamine	16.03	169	166372	19.56 ng/ul	99
66) 4-Bromophenyl-phenylether	16.71	248	77607	20.44 ng/ul	95
67) Hexachlorobenzene	16.83	284	80685	20.15 ng/ul	96
68) Atrazine	16.97	200	80283	20.23 ng/ul	100
69) Pentachlorophenol	17.17	266	21400m	9.55 ng/ul	
70) Phenanthrene	17.57	178	327527	19.38 ng/ul	99
72) Anthracene	17.66	178	332568	19.51 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	92007	21.10 ng/uL	98
74) Pentachlorobenzene	15.10	250	94737	20.83 ng/uL	96
75) Carbazole	17.93	167	272405	19.91 ng/ul	98
76) Di-n-butylphthalate	18.47	149	323450	18.22 ng/ul	99
77) Fluoranthene	19.57	202	431676	20.04 ng/ul	99
80) Pyrene	19.93	202	447622	19.14 ng/ul	97
81) Butylbenzylphthalate	20.79	149	148204	19.26 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.69	252	130826	17.86 ng/ul	95
83) Benzo(a)anthracene	21.77	228	473176	19.50 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	218118	19.34 ng/ul	99
85) Chrysene	21.84	228	437360	19.14 ng/ul	99
87) Di-n-octyl phthalate	22.89	149	372843	19.86 ng/ul	100
88) Benzo(b)fluoranthene	24.06	252	453838	19.05 ng/ul	98
89) Benzo(k)fluoranthene	24.12	252	442828	19.27 ng/ul	99
91) Benzo(a)pyrene	24.96	252	437088	19.06 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.92	276	499824	19.48 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.98	278	412343	19.55 ng/ul	100
94) Benzo(g,h,i)perylene	30.11	276	411927	19.35 ng/ul	100

U.M. 11/21/15

(#) = qualifier out of range (m) = manual integration (+) = signals summed